

ABSTRACT:

A high-pressure discharge lamp includes a discharge vessel having a wall of a ceramic material. The lamps also includes at least a feedthrough of an electrode having a cermet rod. The cermet rod is connected at a first end to a first end of a predominantly tungsten electrode pin by a welded joint. The electrode pin is in line with the cermet rod and has, at its first end, a solidified tungsten melt that is located near the interface between electrode pin and cermet rod.